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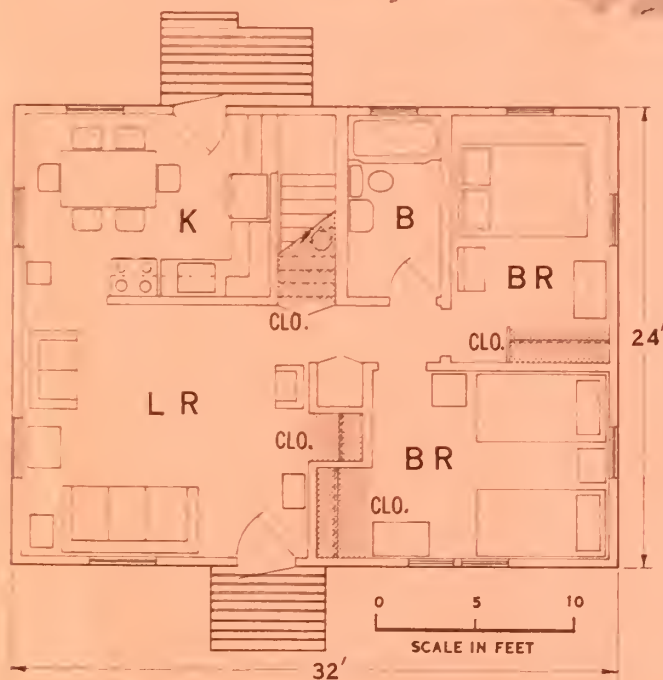
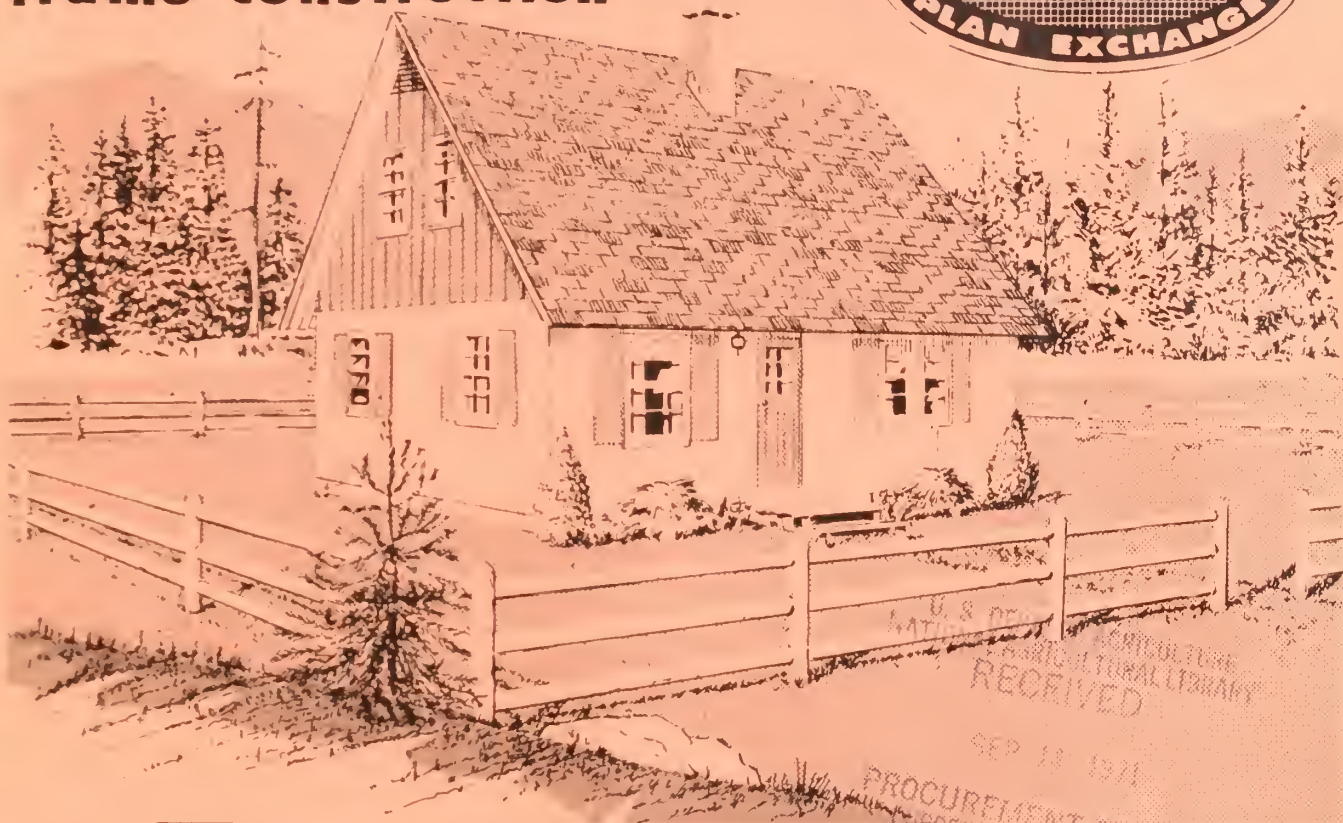
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 cos. 3

DC BRANCH

4-BEDROOM HOUSE...

frame construction



This 4-bedroom, 1-1/2-story house is one of a series of low-cost wood houses developed by the Forest Product Laboratory. The steeply pitched roof allows adequate headroom on the second floor for the addition of two dormitory type bedrooms if needed. A bathroom can be added in a dormer, as shown on the working drawings.

The 24- by 32-foot house has a floor area of 768 sq. ft. The usable part of the second floor provides 460 additional square feet of space. The first floor plan comprises a living room, a kitchen with adequate dining space adjoining, two bedrooms, and a bathroom with enough space to accommodate an automatic washer. Four closets on the first floor and five on the second provide adequate storage space.

Building costs can be reduced by building the house over a crawl space, thus eliminating the need for extensive excavating and grading. Also, the floor framing is supported on treated wood foundation posts which

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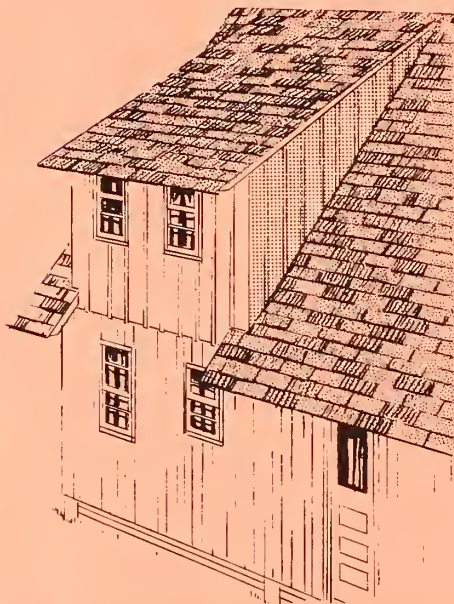
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PICTORIAL DETAILS

CUTAWAY VIEW



BEDROOM - BATHROOM DORMER

rest on concrete footings. An alternate, with masonry foundation, is shown on the working drawings.

Further cost reductions can be made by eliminating much of the interior mill work. These refinements can be added later. For regions where the climate is mild, the plan includes provisions for installing an adequate forced-air heating unit using relatively short heat runs and for insulating the floor, wall, and ceiling areas. In cold climates, the ceiling and floor insulation should be 4 inches or thicker with 2-inch-thick blanket insulation in the walls.

Working drawings may be obtained from your extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know whom to contact in your State, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct University. ORDER PLAN NO. 7188, FOUR BEDROOM HOUSE, FRAME CONSTRUCTION.

